

# *buildings - electrical inspection & testing*



Electrical Testing is the oldest, family-owned test house in the country when it comes to the electrical inspection and testing of buildings, oil refineries and airports.

Our 40 years experience means we can tackle all work to meet the specific legislation on electrical safety which is there to protect life and property.

We have our own in-house approved training centre and can offer high-quality inspectors backed by a team of technical auditors who give the client peace of mind.

There is a simple reporting system to cover everything from smaller installations to wide-ranging management and budget forecast reports for corporate clients. The reporting system is web-based and client operable.



## **Electrical Testing**

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# *buildings - part P of building regulations*

Each year, about ten people die and around 750 are injured in accidents involving unsafe electrical installations in the home.

To help make our homes safer, the government has introduced a new section into the Building Regulations. Known as Part P, it ensures that electrical installers registered with the scheme have been approved to self-certify that their work complies with the Building Regulations.

Electrical Testing, founded more than 40 years ago, employs trained and qualified staff and has been vetted and approved for this important scheme, giving peace of mind to all its domestic customers.



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# street lighting - electrical inspection & testing

Safety of electrical installations is driven not just by the desire to do the right thing but by specific legislation which has the express purpose of protecting life and property.

With a 40 year track record Electrical Testing Limited, the Company is a market leader in the field of inspection and testing of electrical installations of low and high voltage, serving a wide range of clients over a broad spectrum of installations.

The objective of Electrical Testing Limited is to perform the work to a high standard in a cost effective manner and provide peace of mind to our clients.

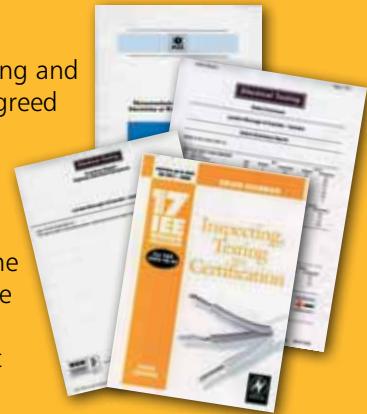
Training is a vital part of the Electrical Testing Limited's operation. Initial and ongoing training is vital and carried out by our own trainers who themselves are scrutinised by external verifiers. Equally important are the regular and frequent site audits carried out by our dedicated auditing team.

Nearly 20 years of experience in Inspection and Testing Street Lighting has enabled Electrical testing Ltd to understand the depth

and yet the logical simplicity of reporting results on vast amounts of data.

Procedures for inspection, Testing and Reporting are agreed with the client.

Our web reporting systems allow the client to produce a wide range of Management Reports.



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# street lighting - structural inspection & testing

Awareness of the inherent danger of unsound street lighting columns is now established.

The demand for an accurate assessment of the structural condition of columns and signposts led Electrical Testing Limited to pioneer a new (patented) technology specifically for the highway lighting industry.

Before the turn of this century Electrical Testing Limited undertook the design and development of what is now Nationally recognised as the Dipstik® technology.

The Dipstik® method accurately measures the thickness of steel shafts both up and down to the bottom of the root of a column.

This Electrical Testing Limited, Standard Service offers a low cost, accurate and repeatable method that has revolutionised the art of assessment of column life.

The reporting procedures match all of the requirements of the current TR22 Guidance document and indeed provide the data necessary for a full strength analysis in accordance with BS EN40.

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# *street lighting - inventory data collection*

In order to manage a lighting stock an accurate inventory is necessary.

With changing boundaries and ownership the accuracy and content of this inventory data has become even more important.

The number of separate pieces of data required by Government Authorities is approaching 100 per street lighting unit. For a lighting stock of 10,000 units some one million pieces of data may have to be correctly identified, recorded and co-related.

With lighting stock that can be 50 years old the accurate collection of inventory data and matching the results to the client's database can be challenging.

Electrical Testing, with it's vast experience, is able to meet these challenges following years of collection of differing data types.

Data sets gathered from site are interrogated by our own computerised applications developed by us in order to ensure the integrity of the co-relation of the data.

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# *underground cable services*

## **Underground cable fault location**

Electrical Testing Ltd has been successfully locating thousands of cable faults without a single failure.

In most cases faults can be excavated and repaired at the time of the location thus providing a fully comprehensive service for the restoration of the circuits.



## **Cable route tracing**

Accurate route tracing and plotting onto AutoCad identifying depths and offsets.

Electrical Testing Limited has ongoing contacts and commitments on major trunk roads throughout the country.



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# *training services*

## **Streetwise Health and Safety Training School**

During the 40 year career of the Company, training has been an ongoing and vital ingredient of its success.

In recent years courses have been structured to the extent that Electrical Testing Ltd is proud to be an approved City and Guilds training centre for a wide variety of electrical and associated Health and Safety courses. Other approvals are Lantra, IOSH, NICEIC and BINDT.

With over 30 acres of river fronted property in the heart of the Broadlands, Electrical Testing Limited offer the surroundings and the expertise and facilities to ensure the very highest quality training over a range of specialist City and Guilds approved subjects.

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